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GIMAP5, 1-284aa, Human, His tag, E.coli

产品货号: TP02240

第三版

别名:GTPase IMAP family member 5 , HIMAP3, IAN-5, IAN4, IAN4L1, IAN5, IMAP3, IROD

描述:GIMAP5 is a protein belonging to the GTP-binding superfamily and to the immuno-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. In humans, the IAN subfamily genes are located in a cluster at 7q36.1. GIMAP5 is an antiapoptotic protein that functions in T-cell survival. Polymorphisms in this gene are associated with systemic lupus erythematosus. Read-through transcription exists between this gene and the neighboring upstream GIMAP1 (GTPase, IMAP family member 1) gene. Recombinant human GIMAP5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT

分子量:34.4 kDa (307aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMGGFQRGKYGTMAEGRSEDNLSATPPALRIILVGKTGCGKSATGNSILGQPVFESK
LRAQSVTRTCQVKTGTWNGRKVLVVDTPSIFESQADTQELYKNIGDCYLLSAPGPHVLLLVIQLGRFTAQDTVAIKRVKE
VFGTGAMRHVVILFTHKEDLGGQALDDYVANTDNCSLKDVLRECERRYCAFNNWGSVEEQRQQQAELLAIVIERLGRER
EGSFHSNDLFLDAQLLQRTGAGACQEDYRQYQAKVEWQVEKHKQELRENE SNWAYKALLRVKHLMLLLHYE

纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.